



State of Tennessee Department of Children's Services

Administrative Policies and Procedures: 29.8

Subject: Youth Development Center and DCS Group Home
Furnishings and Fire Safety Performance
Requirements

Supersedes: DCS 29.8, 02/01/02

Local Policy: No

Local Procedures: No

Training Required: No

Applicable Practice Model Standard(s): Yes

Approved by:

Effective date: 05/15/97

Revision date: 11/01/04

Application

To All Department of Children's Services Youth Development Center and DCS Group Home Employees

Authority: TCA 37-5-101; TCA 37-5-102; NFPA 101 Chapter 31

Policy

The Department of Children's Services shall establish guidelines for the selection and purchase of youth development center and DCS group home furnishings that meet fire safety performance requirements. Only furnishings that are classified as safe will be purchased for use in DCS facilities.

Procedures

**A. Role of
procurement
officer**

1. The YDC procurement officer/DCS group home supervisor or designees shall ensure that all DCS facility furnishings have met all fire safety performance requirements before a purchase by obtaining the necessary test statements from the manufacturer.
2. The documentation should read: ***"Has Passed All Fire Safety Tests" or "This Product Has Met All Code Requirements."***

3. Before signing a procurement request, the YDC procurement officer/DCS group home supervisor or designees must note on the procurement request: **“Safe For Use At This Facility”**, or obtain approval from the facility safety officer or the DCS fire safety officer.

B. Mattress specifications

1. Mattresses shall be covered with 10.5 ounce per square yard fluid-resistant vinyl ticking.
2. The cover is to be four (4) corner box construction, with two (2) inverted side seams centered on the full mattress length.
3. The cover shall have only one end closure seam and it will be located on the bottom of one end extending the full width of the mattress.
4. Mattresses shall utilize *FEDERAL STD-751, stitch type 301*, with a single lock stitch and nylon thread. The sewing shall consist of 6-8 stitches per inch on seams and on the end closure.
 - a) Mattress insert shall be fabricated or molded utilizing flame-resistant foam cushioning. Mattress insert must be full-depth construction. A 3-inch thickness is required with firmness to provide adequate comfort ability.
 - b) Cover must be compatible with the cushioning and prevent drying out and cracking.
 - c) Labeling of completed mattress must be in compliance with applicable State and Federal standards. Information will include mattress size, date of manufacture, and the manufacturers name. The label shall be of a cloth type attached by the seam stitching on one end of the mattress.

C. Flammability Characteristics

The following physical and flammability characteristics must be exhibited by the flame-resistant foam insert:

Property	Test Method	Value
Radiant Panel	ASTM E162-90 ASTM D3675-89	Maximum flame index - 5
		No melting or dripping
NBS Smoke chamber	ASTM E662-92 Flaming and non-flaming modes	Ds 90 sec 100 maximum Ds 4 min 175 maximum Dm 200 maximum
Rate of heat release (Method A or B)	A. ASTM 3906 (a) Radiant Flux 3.5 W/cm (b) Vertical Mode (c) Ignition-2 pilots B. ASTM E1354-90 (a) Radiant Flux 3.5 W/cm (b) Horizontal Mode (1" Sample)	Heat Release rate 34kW/m maximum Heat Release rate at 3 min. 5.0 MJ/m maximum Heat Release at 3 min. 5.0 MJ/m maximum Heat Release at 3 min. 5.0 MJ/m maximum
Oxygen index	ASTM D2863-91	50 minimum
Vertical burn test	FAR 25.853 (a) California 117	Pass Pass
Other tests	California 121	Pass**
	California 129	Pass**

**When subjected to composite testing

Forms

None

Collateral Documents

None

Standards

ACA 3-JTS-3B-03

ACA 3-JCRF-3B-03

DCS Practice Model Standard – 8-306

Glossary

<i>Term</i>	<i>Definition</i>
<i>Facility Furnishings:</i>	Draperies, curtains, furniture, mattresses and bedding, upholstered or cushioned furniture, wastebaskets, decorations, and similar materials that can burn.